

BRUHAT BANGALORE MAHANAGARA PALIKE
Executive Engineer, Yelahanka Division

Name of Work: Improvements to Main and Cross Road at Bharth Gowda Layout and GKV Layout in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet
1st & Final Bill

Name of Agency: Sri.Keerthi.N

Item No.	1									
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Item Name: KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B1 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
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Pre-Measurement Recorded On: 2/7/2020

For Bad Reaches

Bharath Gowda Layout Main Road from 2nd Cross Road

		1	2.00	3.00	3.00	3.00	0.30	1.80	
		1	5.00	2.00	2.00	2.00	0.30	3.00	
		1	3.50	1.80	1.80	1.80	0.30	1.89	
		1	1.50	3.00	3.00	3.00	0.30	1.35	
		1	2.00	1.50	1.50	1.50	0.30	0.90	

1st Cross Road from Layout Main Road to SS Elite Apartment

		1	5.00	2.50	2.50	2.50	0.50	3.75	
		1	3.00	2.00	2.00	2.00	0.30	1.80	
		1	3.55	1.85	1.85	1.85	0.30	1.97	
		1	6.00	2.20	2.20	2.20	0.30	3.96	
		1	5.00	1.55	1.55	1.55	0.30	2.33	
		1	1.00	1.20	1.20	1.20	0.30	0.36	
		1	7.00	2.00	2.00	2.00	0.30	4.20	
		1	10.00	1.50	1.50	1.50	0.30	4.50	
		1	5.00	2.50	2.50	2.50	0.30	3.75	

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

2nd Cross Road from Dead end to Layout Main Road

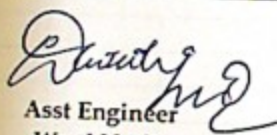
		1	2.50	2.00	2.00	2.00	0.30	1.50	
		1	5.00	2.00	2.00	2.00	0.30	3.00	
		1	10.00	1.50	1.50	1.50	0.30	4.50	
		1	8.00	1.25	1.25	1.25	0.30	3.08	
		1	5.00	1.50	1.50	1.50	0.30	2.25	
		1	12.00	2.50	2.50	2.50	0.30	9.00	

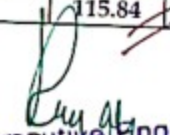
Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Executive Engineer

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B1 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
		1	7.50	2.00	2.00	2.00	0.30	4.50	
		1	5.00	4.00	4.00	4.00	0.30	6.00	
Park Parallel Road									
		1	3.50	1.80	1.80	1.80	0.30	1.89	
		1	6.00	1.25	1.25	1.25	0.30	2.25	
		1	5.00	2.20	2.20	2.20	0.30	3.30	
		1	10.00	3.00	3.00	3.00	0.30	9.00	
		1	5.00	1.90	1.90	1.90	0.30	2.85	
		1	2.00	1.50	1.50	1.50	0.30	0.90	
		1	3.00	2.00	2.00	2.00	0.30	1.80	
		1	3.25	1.85	1.85	1.85	0.30	1.80	
		1	1.20	1.25	1.25	1.25	0.30	0.45	
		1	1.85	1.25	1.25	1.25	0.30	0.69	
		1	30.00	1.20	1.20	1.20	0.30	10.80	
		1	30.00	1.20	1.20	1.20	0.30	10.80	
Total Quantity								115.84	Cum
Quantity Limit to								115.84	Cum
Quantity Carried to Summary								115.84	Cum


 Asst Engineer
 Ward No.01
 BBMP


 Asst. Executive Engineer
 Yelahanka Sub. Division
 (BBMP Yrk. Zn)
 Yelahanka, Bangalore

N. Keelchi

Asst Executive Engineer

Executive Engineer

Asst. Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE
Executive Engineer, Yelahanka Division

Name of Work: Improvements to Main and Cross Road at Bharth Gowda Layout and GKV Layout in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Keerthi.N

Item No.	2								
Item Name:	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision.								

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
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Pre-Measurement Recorded On: 8/7/2020

For Bad Reaches

Bharath Gowda Layout Main Road from 2nd Cross Road

		1	2.00	3.00	3.00	3.00	0.15	0.90	
		1	5.00	2.00	2.00	2.00	0.15	1.50	
		1	3.50	1.80	1.80	1.80	0.15	0.93	
		1	1.50	3.00	3.00	3.00	0.15	0.68	
		1	2.00	1.50	1.50	1.50	0.15	0.45	

1st Cross Road from Layout Main Road to SS Elite Apartment

		1	5.00	2.50	2.50	2.50	0.15	1.88	
		1	3.00	2.00	2.00	2.00	0.15	0.90	
		1	3.55	1.85	1.85	1.85	0.15	0.99	
		1	6.00	2.20	2.20	2.20	0.15	1.98	
		1	5.00	1.55	1.55	1.55	0.15	1.16	
		1	1.00	1.20	1.20	1.20	0.15	0.18	
		1	7.00	2.00	2.00	2.00	0.15	2.10	
		1	10.00	1.50	1.50	1.50	0.15	2.25	
		1	5.00	2.50	2.50	2.50	0.15	1.88	

2nd Cross Road from Dead end to Layout Main Road

		1	2.50	2.00	2.00	2.00	0.15	0.78	
		1	5.00	2.00	2.00	2.00	0.15	1.50	
		1	10.00	1.50	1.50	1.50	0.15	2.25	
		1	8.00	1.25	1.25	1.25	0.15	1.50	

[Signature]
Asst. Engineer

[Signature]
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

[Signature]

Executive Engineer

SL NO	CHAINAGE	NO	L	B1	B2	Avg B	Avg D	QTY	REMARKS
			(m)	(m)	(m)	(m)	(m)		
		1	5.00	1.50	1.50	1.50	0.15	1.13	
		1	12.00	2.50	2.50	2.50	0.15	4.50	
		1	7.50	2.00	2.00	2.00	0.15	2.25	
		1	5.00	4.00	4.00	4.00	0.15	3.00	
Park Parallel Road									
		1	3.50	1.80	1.80	1.80	0.15	0.95	
		1	6.00	1.25	1.25	1.25	0.15	1.13	
		1	5.00	2.20	2.20	2.20	0.15	1.65	
		1	10.00	3.00	3.00	3.00	0.15	4.50	
		1	5.00	1.90	1.90	1.90	0.15	1.43	
		1	2.00	1.50	1.50	1.50	0.15	0.45	
		1	3.00	2.00	2.00	2.00	0.15	0.90	
		1	3.25	1.85	1.85	1.85	0.15	0.90	
		1	1.20	1.25	1.25	1.25	0.15	0.23	
		1	1.85	1.25	1.25	1.25	0.15	0.35	
UGD Cutting									
		1	30.00	1.20	1.20	1.20	0.15	5.40	
		1	30.00	1.20	1.20	1.20	0.15	5.40	
Total Quantity								57.92	Cum
Quantity Limit to								57.92	Cum
Quantity Carried to Summary								57.92	Cum

Asst Engineer
Ward No.01
BBMP

N. Keel

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE
Executive Engineer, Yelahanka Division

Name of Work: Improvements to Main and Cross Road at Bharth Gowda Layout and GKV Layout in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet
1st & Final Bill

Name of Agency: Sri.Keerthi.N

Item No.

3

Item Name:

KSRRB M400-17. Providing, laying, spreading and compacting cushioned stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406

SL NO

CHAINAGE

NO

L

B1

B2

Avg B

Avg D

QTY

REMARKS

Pre-Measurement Recorded On:

15/07/2020

For Reconstruction of Road

Bharath Gowda Layout Main Road from 2nd Cross Road

0.00	0.00	1	0.00	5.70	5.80	5.75	0.150	0.00
0.00	30.00	1	30.00	5.80	5.80	5.80	0.175	30.45
30.00	54.50	1	24.50	5.80	5.80	5.80	0.150	21.32
Deductions								
Chamber		-1	0.90	0.60	0.60	0.60	0.150	-0.08

1st Cross Road from Layout Main Road to SS Elite Apartment

0.00	0.00	1	0.00	7.30	7.30	7.30	0.150	0.00
0.00	26.00	1	26.00	7.30	7.36	7.33	0.150	28.59
26.00	26.00	1	0.00	7.36	6.55	6.96	0.150	0.00
26.00	45.30	1	19.30	6.55	6.90	6.73	0.175	22.71
45.30	45.30	1	0.00	6.90	7.45	7.18	0.150	0.00
45.30	72.30	1	27.00	7.45	7.50	7.48	0.175	35.32
72.30	72.30	1	0.00	7.50	6.40	6.95	0.175	0.00
72.30	83.30	1	11.00	6.40	6.25	6.33	0.150	10.44
83.30	108.00	1	24.70	6.25	7.20	6.73	0.175	29.07
108.00	108.00	1	0.00	7.20	5.70	6.45	0.175	0.00
108.00	138.00	1	30.00	5.70	5.80	5.75	0.150	25.88
138.00	157.80	1	19.80	5.80	5.90	5.85	0.150	17.37
Pipe Cutting		1	30.00	0.75	0.75	0.75	0.200	4.50
		1	30.00	0.75	0.75	0.75	0.200	4.50
Cross Cuttings		5	6.00	0.75	0.75	0.75	0.200	4.50
Deductions								
Chamber		-2	0.90	0.60	0.60	0.60	0.150	-0.16
		-1	10.00	1.20	1.20	1.20	0.150	-1.80

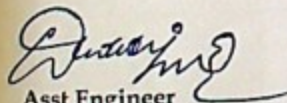
Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Executive Engineer

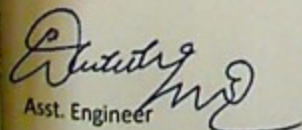
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SL NO	CHAINAGE		NO	L	B1	B2	Avg B	Avg D	QTY	REMARKS	
				(m)	(m)	(m)	(m)	(m)			
2nd Cross Road from Dead end to Layout Main Road											
	0.00	0.00	1	0.00	5.92	5.92	5.92	0.150	0.00		
	0.00	30.00	1	30.00	5.92	5.85	5.89	0.175	30.90		
	30.00	60.00	1	30.00	5.85	4.45	5.15	0.175	27.04		
	60.00	90.00	1	30.00	4.45	5.90	5.18	0.175	27.17		
	90.00	112.90	1	22.90	5.90	5.50	5.70	0.150	19.58		
Deductions											
	Chamber		-1	0.90	0.60	0.60	0.60	0.150	-0.08		
Cross Cuttings											
			10	6.50	0.75	0.75	0.75	0.200	9.75		
Park Parallel Road											
	0.00	0.00	1	0.00	6.80	6.80	6.80	0.150	0.00		
	0.00	30.00	1	30.00	6.80	6.60	6.70	0.150	30.15		
	30.00	60.00	1	30.00	6.60	6.50	6.55	0.175	34.39		
	60.00	75.20	1	15.20	6.50	6.50	6.50	0.150	14.82		
	75.20	75.20	1	0.00	6.50	5.20	5.85	0.175	0.00		
	75.20	93.80	1	18.60	5.20	5.00	5.10	0.175	16.60		
	93.80	93.80	1	0.00	5.00	6.35	5.68	0.150	0.00		
	93.80	120.80	1	27.00	6.35	6.30	6.33	0.150	25.62		
	120.80	120.80	1	0.00	6.30	5.40	5.85	0.150	0.00		
	120.80	144.40	1	23.60	5.40	5.60	5.50	0.150	19.47		
Cross Cuttings											
			5	6.00	0.75	0.75	0.75	0.200	4.50		
Deductions											
			-1	9.60	1.00	1.00	1.00	0.150	-1.44		
	Chamber		-3	0.90	0.60	0.60	0.60	0.150	-0.24		
Total Quantity										490.81	Cum
Quantity Carried to Summary										490.81	Cum


 Asst Engineer
 Ward No.01
 BBMP


 Asst. Executive Engineer
 Asst. Executive Engineer
 Yelahanka Sub. Division
 (BBMP Mk. 2h)
 BBMP
 Yelahanka, Bangalore

N-keep


 Asst. Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Main and Cross Road at Bharth Gowda Layout and GKV Layout in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Keerthi.N

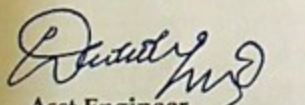
Item No.	4								
Item Name:	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications. Clause 501 of MORTH V revision								
SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:			7/8/2020						
For Reconstruction of Road									
Bharath Gowda Layout Main Road from 2nd Cross Road									
	0.00	0.00	1	0.00	5.70	5.80	5.75	0.00	
	0.00	30.00	1	30.00	5.80	5.80	5.80	174.00	
	30.00	54.50	1	24.50	5.80	5.80	5.80	142.10	
Deductions									
	Chamber	-1	0.90	0.60	0.60	0.60		-0.54	
1st Cross Road from Layout Main Road to SS Elite Apartment									
	0.00	0.00	1	0.00	7.30	7.30	7.30	0.00	
	0.00	26.00	1	26.00	7.30	7.36	7.33	190.58	
	26.00	26.00	1	0.00	7.36	6.55	6.96	0.00	
	26.00	45.30	1	19.30	6.55	6.90	6.73	129.79	
	45.30	45.30	1	0.00	6.90	7.45	7.18	0.00	
	45.30	72.30	1	27.00	7.45	7.50	7.48	201.83	
	72.30	72.30	1	0.00	7.50	6.40	6.95	0.00	
	72.30	83.30	1	11.00	6.40	6.25	6.33	69.58	
	83.30	108.00	1	24.70	6.25	7.20	6.73	166.11	
	108.00	108.00	1	0.00	7.20	5.70	6.45	0.00	
	108.00	138.00	1	30.00	5.70	5.80	5.75	172.50	
	138.00	157.80	1	19.80	5.80	5.90	5.85	115.83	
Deductions									
	Chamber	-2	0.90	0.60	0.60	0.60		-1.08	
		-1	10.00	1.20	1.20	1.20		-12.00	
2nd Cross Road from Dead end to Layout Main Road									
	0.00	0.00	1	0.00	5.92	5.92	5.92	0.00	

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Yrk. Zn)
Yelahanka, Bangalore

Executive Engineer

SL NO	CHAINAGE		NO	L	B1	B2	Avg B	Avg D	QTY	REMARKS
				(m)	(m)	(m)	(m)	(m)		
	0.00	30.00	1	30.00	5.92	5.85	5.89		176.58	
	30.00	60.00	1	30.00	5.85	4.45	5.15		154.50	
	60.00	90.00	1	30.00	4.45	5.90	5.18		155.25	
	90.00	112.90	1	22.90	5.90	5.50	5.70		130.53	
Deductions										
	Chamber		-1	0.90	0.60	0.60	0.60		-0.54	
Park Parallel Road										
	0.00	0.00	1	0.00	6.80	6.80	6.80		0.00	
	0.00	30.00	1	30.00	6.80	6.60	6.70		201.00	
	30.00	60.00	1	30.00	6.60	6.50	6.55		196.50	
	60.00	75.20	1	15.20	6.50	6.50	6.50		98.80	
	75.20	75.20	1	0.00	6.50	5.20	5.85		0.00	
	75.20	93.80	1	18.60	5.20	5.00	5.10		94.86	
	93.80	93.80	1	0.00	5.00	6.35	5.68		0.00	
	93.80	120.80	1	27.00	6.35	6.30	6.33		170.78	
	120.80	120.80	1	0.00	6.30	5.40	5.85		0.00	
	120.80	144.40	1	23.60	5.40	5.60	5.50		129.80	
Deductions										
			-1	9.60	1.00	1.00	1.00		-9.60	
	Chamber		-3	0.90	0.60	0.60	0.60		-1.62	
Winmore Academy School Road from Jakkur Main Road										
	0.00	0.00	1	0.00	6.50	6.50	6.50		0.00	
	0.00	30.00	1	30.00	6.50	6.10	6.30		189.00	
	30.00	60.00	1	30.00	6.10	6.20	6.15		184.50	
	60.00	71.30	1	11.30	6.20	6.25	6.23		70.34	
Total Quantity										3289.34 Sqm
Quantity Carried to Summary										3289.34 Sqm


 Asst Engineer
 Ward No.01
 BBMP


 Asst Executive Engineer
 Yelahanka Sub Division
 (BBMP Zone)
 Yelahanka, Bangalore

N. Keerthi

Asst. Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Main and Cross Road at Bharth Gowda Layout and GKKV Layout in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Keerthi.N

Item No.	5								
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Item Name:

KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. Clause 502 of MORTH V revision

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
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Measurement Recorded On: 5/8/2020

For Reconstruction of Road

Bharath Gowda Layout Main Road from 2nd Cross Road

0.00	0.00	1	0.00	5.70	5.80	5.75		0.00	
0.00	30.00	1	30.00	5.80	5.80	5.80		174.00	
30.00	54.50	1	24.50	5.80	5.80	5.80		142.10	
Deductions									
Chamber		-1	0.90	0.60	0.60	0.60		-0.54	

1st Cross Road from Layout Main Road to SS Elite Apartment

0.00	0.00	1	0.00	7.30	7.30	7.30		0.00	
0.00	26.00	1	26.00	7.30	7.36	7.33		190.58	
26.00	26.00	1	0.00	7.36	6.55	6.96		0.00	
26.00	45.30	1	19.30	6.55	6.90	6.73		129.79	
45.30	45.30	1	0.00	6.90	7.45	7.18		0.00	
45.30	72.30	1	27.00	7.45	7.50	7.48		201.83	
72.30	72.30	1	0.00	7.50	6.40	6.95		0.00	
72.30	83.30	1	11.00	6.40	6.25	6.33		69.58	
83.30	108.00	1	24.70	6.25	7.20	6.73		166.11	
108.00	108.00	1	0.00	7.20	5.70	6.45		0.00	
108.00	138.00	1	30.00	5.70	5.80	5.75		172.50	
138.00	157.80	1	19.80	5.80	5.90	5.85		115.83	
Deductions									
Chamber		-2	0.90	0.60	0.60	0.60		-1.08	
		-1	10.00	1.20	1.20	1.20		-12.00	

2nd Cross Road from Dead end to Layout Main Road

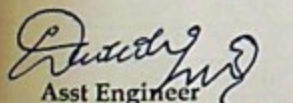
Asst. Executive Engineer
Yelahanka Sub. Division
(B&M P.Ynk. Zn)
Yelahanka, Bangalore

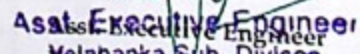
N. Keerthi

Executive Engineer

Asst. Engineer

SL NO	CHAINAGE	NO	L	B1	B2	Avg B	Avg D	QTY	REMARKS
	0.00	0.00	1	0.00	5.92	5.92	5.92	0.00	
	0.00	30.00	1	30.00	5.92	5.85	5.89	176.55	
	30.00	60.00	1	30.00	5.85	4.45	5.15	154.50	
	60.00	90.00	1	30.00	4.45	5.90	5.18	155.25	
	90.00	112.90	1	22.90	5.90	5.50	5.70	130.53	
Deductions									
	Chamber	-1	0.90	0.60	0.60	0.60		-0.54	
Park Parallel Road									
	0.00	0.00	1	0.00	6.80	6.80	6.80	0.00	
	0.00	30.00	1	30.00	6.80	6.60	6.70	201.00	
	30.00	60.00	1	30.00	6.60	6.50	6.55	196.50	
	60.00	75.20	1	15.20	6.50	6.50	6.50	98.80	
	75.20	75.20	1	0.00	6.50	5.20	5.85	0.00	
	75.20	93.80	1	18.60	5.20	5.00	5.10	94.86	
	93.80	93.80	1	0.00	5.00	6.35	5.68	0.00	
	93.80	120.80	1	27.00	6.35	6.30	6.33	170.78	
	120.80	120.80	1	0.00	6.30	5.40	5.85	0.00	
	120.80	144.40	1	23.60	5.40	5.60	5.50	129.80	
Deductions									
		-1	9.60	1.00	1.00	1.00		-9.60	
	Chamber	-3	0.90	0.60	0.60	0.60		-1.62	
Winmore Academy School Road from Jakkur Main Road									
	0.00	0.00	1	0.00	6.50	6.50	6.50	0.00	
	0.00	30.00	1	30.00	6.50	6.10	6.30	189.00	
	30.00	60.00	1	30.00	6.10	6.20	6.15	184.50	
	60.00	71.30	1	11.30	6.20	6.25	6.23	70.34	
Total Quantity								3289.34	Sqm
Quantity Carried to Summary								3289.34	Sqm


 Asst Engineer
 Ward No.01
 BBMP


 Asst Executive Engineer
 Yelahanka Sub Division
 (BBMP Inv. Zn)
 BBMP
 Yelahanka, Bangalore

N. K. K. K.

Asst Executive Engineer

Asst. Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Main and Cross Road at Bharth Gowda Layout and GKV Layout in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Keerthi.N

Item No.	6								
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Item Name:

KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision - do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			6/8/2020						
For Reconstruction of Road									
Bharath Gowda Layout Main Road from 2nd Cross Road									
	0.00	0.00	1	0.00	5.70	5.80	5.75	0.05	0.00
	0.00	30.00	1	30.00	5.80	5.80	5.80	0.05	8.70
	30.00	54.50	1	24.50	5.80	5.80	5.80	0.05	7.11
Deductions									
	Chamber	-1	0.90	0.60	0.60	0.60	0.05	-0.03	
1st Cross Road from Layout Main Road to SS Elite Apartment									
	0.00	0.00	1	0.00	7.30	7.30	7.30	0.05	0.00
	0.00	26.00	1	26.00	7.30	7.36	7.33	0.05	9.53
	26.00	26.00	1	0.00	7.36	6.55	6.96	0.05	0.00
	26.00	45.30	1	19.30	6.55	6.90	6.73	0.05	6.49
	45.30	45.30	1	0.00	6.90	7.45	7.18	0.05	0.00
	45.30	72.30	1	27.00	7.45	7.50	7.48	0.05	10.09
	72.30	72.30	1	0.00	7.50	6.40	6.95	0.05	0.00
	72.30	83.30	1	11.00	6.40	6.25	6.33	0.05	3.48
	83.30	108.00	1	24.70	6.25	7.20	6.73	0.05	8.31
	108.00	108.00	1	0.00	7.20	5.70	6.45	0.05	0.00
	108.00	138.00	1	30.00	5.70	5.80	5.75	0.05	8.63
	138.00	157.80	1	19.80	5.80	5.90	5.85	0.05	5.79
Deductions									
	Chamber	-2	0.90	0.60	0.60	0.60	0.05	-0.05	
		-1	10.00	1.20	1.20	1.20	0.05	-0.60	

[Signature]
Asst. Engineer

[Signature]
Asst. Executive Engineer
Yelahanka Sub. Division
(BMP Ynk. Zn)
Yelahanka, Bangalore

[Signature]

Executive Engineer

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
2nd Cross Road from Dead end to Layout Main Road									
	0.00	0.00	1	0.00	5.92	5.92	5.92	0.05	0.00
	0.00	30.00	1	30.00	5.92	5.85	5.89	0.05	8.83
	30.00	60.00	1	30.00	5.85	4.45	5.15	0.05	7.73
	60.00	90.00	1	30.00	4.45	5.90	5.18	0.05	7.76
	90.00	112.90	1	22.90	5.90	5.50	5.70	0.05	6.53
Deductions									
	Chamber		-1	0.90	0.60	0.60	0.60	0.05	-0.03
Park Parallel Road									
	0.00	0.00	1	0.00	6.80	6.80	6.80	0.05	0.00
	0.00	30.00	1	30.00	6.80	6.60	6.70	0.05	10.05
	30.00	60.00	1	30.00	6.60	6.50	6.55	0.05	9.83
	60.00	75.20	1	15.20	6.50	6.50	6.50	0.05	4.94
	75.20	75.20	1	0.00	6.50	5.20	5.85	0.05	0.00
	75.20	93.80	1	18.60	5.20	5.00	5.10	0.05	4.74
	93.80	93.80	1	0.00	5.00	6.35	5.68	0.05	0.00
	93.80	120.80	1	27.00	6.35	6.30	6.33	0.05	8.54
	120.80	120.80	1	0.00	6.30	5.40	5.85	0.05	0.00
	120.80	144.40	1	23.60	5.40	5.60	5.50	0.05	6.49
Deductions									
			-1	9.60	1.00	1.00	1.00	0.05	-0.48
	Chamber		-3	0.90	0.60	0.60	0.60	0.05	-0.08
Winmore Academy School Road from Jakkur Main Road									
	0.00	0.00	1	0.00	6.50	6.50	6.50	0.05	0.00
	0.00	30.00	1	30.00	6.50	6.10	6.30	0.05	9.45
	30.00	60.00	1	30.00	6.10	6.20	6.15	0.05	9.23
	60.00	71.30	1	11.30	6.20	6.25	6.23	0.05	3.52
Total Quantity								164.47	Cum
Quantity Carried to Summary								164.47	Cum

[Signature]
Asst Engineer
Ward No.01
BBMP

[Signature]
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Sub. Division)
Yelahanka, Bangalore

N. Keerthi

Asst Executive Engineer

Executive Engineer

Asst. Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE
Executive Engineer, Yelahanka Division

Name of Work: Improvements to Main and Cross Road at Bharth Gowda Layout and GKV Layout in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet
1st & Final Bill

Name of Agency: Sri.Keerthi.N

Item No.	7								
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Item Name: KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications. Clause 503 of MORTH V revision

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
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Measurement Recorded On: 7/8/2020

For Reconstruction of Road

Bharath Gowda Layout Main Road from 2nd Cross Road

0.00	0.00	1	0.00	5.70	5.80	5.75		0.00	
0.00	30.00	1	30.00	5.80	5.80	5.80		174.00	
30.00	54.50	1	24.50	5.80	5.80	5.80		142.10	
Deductions									
Chamber		-1	0.90	0.60	0.60	0.60		-0.54	

1st Cross Road from Layout Main Road to SS Elite Apartment

0.00	0.00	1	0.00	7.30	7.30	7.30		0.00	
0.00	26.00	1	26.00	7.30	7.36	7.33		190.58	
26.00	26.00	1	0.00	7.36	6.55	6.96		0.00	
26.00	45.30	1	19.30	6.55	6.90	6.73		129.79	
45.30	45.30	1	0.00	6.90	7.45	7.18		0.00	
45.30	72.30	1	27.00	7.45	7.50	7.48		201.83	
72.30	72.30	1	0.00	7.50	6.40	6.95		0.00	
72.30	83.30	1	11.00	6.40	6.25	6.33		69.58	
83.30	108.00	1	24.70	6.25	7.20	6.73		166.11	
108.00	108.00	1	0.00	7.20	5.70	6.45		0.00	
108.00	138.00	1	30.00	5.70	5.80	5.75		172.50	
138.00	157.80	1	19.80	5.80	5.90	5.85		115.83	
Deductions									
Chamber		-2	0.90	0.60	0.60	0.60		-1.08	
		-1	10.00	1.20	1.20	1.20		-12.00	

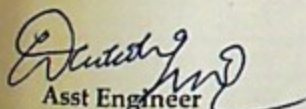
2nd Cross Road from Dead end to Layout Main Road

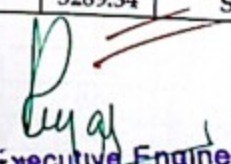
Asst. Executive Engineer
Yelahanka Sub. Division
(BMP Ynk. Zn)
Yelahanka, Bangalore

Executive Engineer

Asst. Engineer

SL NO	CHAINAGE		NO	L	B1	B2	Avg B	Avg D	QTY	REMARKS
	0.00	0.00	1	(m)	(m)	(m)	(m)	(m)		
	0.00	30.00	1	0.00	5.92	5.92	5.92		0.00	
	30.00	60.00	1	30.00	5.92	5.85	5.89		176.55	
	60.00	90.00	1	30.00	5.85	4.45	5.15		154.50	
	90.00	112.90	1	30.00	4.45	5.90	5.18		155.25	
			1	22.90	5.90	5.50	5.70		130.53	
	Deductions									
	Chamber		-1	0.90	0.60	0.60	0.60		-0.54	
Park Parallel Road										
	0.00	0.00	1	0.00	6.80	6.80	6.80		0.00	
	0.00	30.00	1	30.00	6.80	6.60	6.70		201.00	
	30.00	60.00	1	30.00	6.60	6.50	6.55		196.50	
	60.00	75.20	1	15.20	6.50	6.50	6.50		98.80	
	75.20	75.20	1	0.00	6.50	5.20	5.85		0.00	
	75.20	93.80	1	18.60	5.20	5.00	5.10		94.86	
	93.80	93.80	1	0.00	5.00	6.35	5.68		0.00	
	93.80	120.80	1	27.00	6.35	6.30	6.33		170.78	
	120.80	120.80	1	0.00	6.30	5.40	5.85		0.00	
	120.80	144.40	1	23.60	5.40	5.60	5.50		129.80	
	Deductions									
			-1	9.60	1.00	1.00	1.00		-9.60	
	Chamber		-3	0.90	0.60	0.60	0.60		-1.62	
Winmore Academy School Road from Jakkur Main Road										
	0.00	0.00	1	0.00	6.50	6.50	6.50		0.00	
	0.00	30.00	1	30.00	6.50	6.10	6.30		189.00	
	30.00	60.00	1	30.00	6.10	6.20	6.15		184.50	
	60.00	71.30	1	11.30	6.20	6.25	6.23		70.34	
	Total Quantity								3289.34	Sqm
	Quantity Carried to Summary								3289.34	Sqm


 Asst Engineer
 Ward No.01
 BBMP


 Asst. Executive Engineer
 Yelahanka Sub. Division
 (BBMP Zone 2H)
 BBMP
 Yelahanka, Bangalore

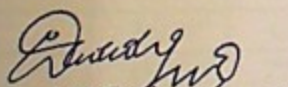
N. K. K. K.

Asst Executive Engineer

Executive Engineer

Asst Engineer

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
2nd Cross Road from Dead end to Layout Main Road									
	0.00	0.00	1	0.00	5.92	5.92	5.92	0.04	0.00
	0.00	30.00	1	30.00	5.92	5.85	5.89	0.04	7.06
	30.00	60.00	1	30.00	5.85	4.45	5.15	0.04	6.18
	60.00	90.00	1	30.00	4.45	5.90	5.18	0.04	6.21
	90.00	112.90	1	22.90	5.90	5.50	5.70	0.04	5.22
	Deductions								
	Chamber		-1	0.90	0.60	0.60	0.60	0.04	-0.02
Park Parallel Road									
	0.00	0.00	1	0.00	6.80	6.80	6.80	0.04	0.00
	0.00	30.00	1	30.00	6.80	6.60	6.70	0.04	8.04
	30.00	60.00	1	30.00	6.60	6.50	6.55	0.04	7.86
	60.00	75.20	1	15.20	6.50	6.50	6.50	0.04	3.95
	75.20	75.20	1	0.00	6.50	5.20	5.85	0.04	0.00
	75.20	93.80	1	18.60	5.20	5.00	5.10	0.04	3.79
	93.80	93.80	1	0.00	5.00	6.35	5.68	0.04	0.00
	93.80	120.80	1	27.00	6.35	6.30	6.33	0.04	6.83
	120.80	120.80	1	0.00	6.30	5.40	5.85	0.04	0.00
	120.80	144.40	1	23.60	5.40	5.60	5.50	0.04	5.19
	Deductions								
			-1	9.60	1.00	1.00	1.00	0.04	-0.38
	Chamber		-3	0.90	0.60	0.60	0.60	0.04	-0.06
Winmore Academy School Road from Jakkur Main Road									
	0.00	0.00	1	0.00	6.50	6.50	6.50	0.04	0.00
	0.00	30.00	1	30.00	6.50	6.10	6.30	0.04	7.56
	30.00	60.00	1	30.00	6.10	6.20	6.15	0.04	7.38
	60.00	71.30	1	11.30	6.20	6.25	6.23	0.04	2.81
Total Quantity								131.57	Cum
Quantity Carried to Summary								131.57	Cum


 Asst Engineer
 Ward No.01
 BBMP


 Asst. Executive Engineer
 Yelahanka Sub Division
 BBMP

Handwritten signature

Asst. Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Main and Cross Road at Bharth Gowda Layout and GKVK Layout in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Keerthi.N

Item No.	9							
Item Name:	Providing and fixing of retro - reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
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Measurement Recorded On:

17/08/2020

Bharath Gowda Layout Main Road from 2nd Cross Road, LHS

0.00	0.00	0				0.00	
0.00	30.00	15				15.00	
30.00	54.50	12				12.00	

Bharath Gowda Layout Main Road from 2nd Cross Road, RHS

0.00	0.00	0				0.00	
0.00	30.00	15				15.00	
30.00	54.50	12				12.00	

1st Cross Road from Layout Main Road to SS Elite Apartment, LHS

0.00	0.00	0				0.00	
0.00	26.00	13				13.00	
26.00	45.30	10				10.00	
45.30	72.30	14				14.00	
72.30	83.30	6				6.00	
83.30	108.00	12				12.00	
108.00	138.00	15				15.00	
138.00	157.80	10				10.00	

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Vnk. Zn)
Yelahanka, Bangalore

N-keerthi

Executive Engineer

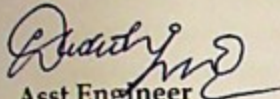
SL NO	CHAINAGE	NO	L	Avg B	Avg D	QTY	REMARKS	
			(m)	(m)	(m)			
1st Cross Road from Layout Main Road to SS Elite Apartment, RHS								
	0.00	0.00	0			0.00		
	0.00	26.00	13			13.00		
	26.00	45.30	10			10.00		
	45.30	72.30	14			14.00		
	72.30	83.30	6			6.00		
	83.30	108.00	12			12.00		
	108.00	138.00	15			15.00		
	138.00	157.80	10			10.00		
2nd Cross Road from Dead end to Layout Main Road , LHS								
	0.00	0.00	0			0.00		
	0.00	30.00	15			15.00		
	30.00	60.00	15			15.00		
	60.00	90.00	15			15.00		
	90.00	112.90	11			11.00		
2nd Cross Road from Dead end to Layout Main Road , RHS								
	0.00	0.00	0			0.00		
	0.00	30.00	15			15.00		
	30.00	60.00	15			15.00		
	60.00	90.00	15			15.00		
	90.00	112.90	11			11.00		
Park Parallel Road, LHS								
	0.00	0.00	0			0.00		
	0.00	30.00	15			15.00		
	30.00	60.00	15			15.00		
	60.00	75.20	8			8.00		
	75.20	93.80	9			9.00		
	93.80	120.80	14			14.00		
	120.80	144.40	12			12.00		
Park Parallel Road, RHS								
	0.00	0.00	0			0.00		

Asst. Engineer

Asst. Executive Engineer
Yelahanka Executive Engineer
(BBMP Yrk. 2A)
Yelahanka, Bangalore

Executive Engineer

SL NO	CHAINAGE		NO	L	Avg B	Avg D	QTY	REMARKS
				(m)	(m)	(m)		
	0.00	30.00	15				15.00	
	30.00	60.00	15				15.00	
	60.00	75.20	8				8.00	
	75.20	93.80	9				9.00	
	93.80	120.80	14				14.00	
	120.80	144.40	10				10.00	
Total Quantity							470.00	Nos
Quantity Carried to Summary							470.00	Nos


 Asst Engineer
 Ward No.01
 BBMP

Mr. Kelle


 Asst. Executive Engineer
 Asst. Executive Engineer
 Yelahanka Sub Division
 Yelahanka Sub Division
 (BBMP, Zn)
 BBMP
 Yelahanka, Bangalore

Asst. Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Main and Cross Road at Bharth Gowda Layout and GKVK Layout in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Keerthi.N

Item No.	10							
Item Name:	Direction and Place Identification Signs with size morethan 0.9 sqm Size Board: Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 2 mm thick with area not exceeding 0.9 sqm supported on a mild steel single angle iron post 75 x 75 x 6mm , 2 Nos. firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing.							
SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS	
Measurement Recorded On:			17/08/2020					
						3.00		
						3.00	Nos	
						3.00	Nos	
	Total Quantity					3.00	Nos	
	Quantity Carried to Summary					3.00	Nos	

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Asst Engineer
Ward No.01
BBMP

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Asst. Executive Engineer
Yelahanka Sub Division
(BBMP BBMP)
Yelahanka, Bangalore

Asst. Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Main and Cross Road at Bharth Gowda Layout and GKVK Layout in Kemppegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Keerthi.N

Item No.	11							
Item Name:	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803							

SL NO	CHAINAGE	NO	L	Avg B	Avg D	QTY	REMARKS
			(m)	(m)	(m)		
Measurement Recorded On:			17/08/2020				
Lane Marking							
Sides							
Bharath Gowda Layout Main Road from 2nd Cross Road							
	0.00	0.00	2	0.00	0.15	0.00	
	0.00	30.00	2	30.00	0.15	9.00	
	30.00	54.50	2	24.50	0.15	7.35	
1st Cross Road from Layout Main Road to SS Elite Apartment							
	0.00	0.00	2	0.00	0.15	0.00	
	0.00	26.00	2	26.00	0.15	7.80	
	26.00	26.00	2	0.00	0.15	0.00	
	26.00	45.30	2	19.30	0.15	5.79	
	45.30	45.30	2	0.00	0.15	0.00	
	45.30	72.30	2	27.00	0.15	8.10	
	72.30	72.30	2	0.00	0.15	0.00	
	72.30	83.30	2	11.00	0.15	3.30	
	83.30	108.00	2	24.70	0.15	7.41	
	108.00	108.00	2	0.00	0.15	0.00	

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

N. Keerthi

Executive Engineer

SL NO	CHAINAGE		NO	L	Avg B	Avg D	QTY	REMARKS
				(m)	(m)	(m)		
	108.00	138.00	2	30.00	0.15		9.00	
	138.00	157.80	2	19.80	0.15		5.94	
2nd Cross Road from Dead end to Layout Main Road								
	0.00	0.00	2	0.00	0.15		0.00	
	0.00	30.00	2	30.00	0.15		9.00	
	30.00	60.00	2	30.00	0.15		9.00	
	60.00	90.00	2	30.00	0.15		9.00	
	90.00	112.90	2	22.90	0.15		6.87	
Park Parallel Road								
	0.00	0.00	2	0.00	0.15		0.00	
	0.00	30.00	2	30.00	0.15		9.00	
	30.00	60.00	2	30.00	0.15		9.00	
	60.00	75.20	2	15.20	0.15		4.56	
	75.20	75.20	2	0.00	0.15		0.00	
	75.20	93.80	2	18.60	0.15		5.58	
	93.80	93.80	2	0.00	0.15		0.00	
	93.80	120.80	2	27.00	0.15		8.10	
	120.80	120.80	2	0.00	0.15		0.00	
	120.80	144.40	2	23.60	0.15		7.08	
Centre								
Bharath Gowda Layout Main Road from 2nd Cross Road								
	0.00	0.00	1	0.00	0.10		0.00	
	0.00	30.00	1	30.00	0.10		3.00	
	30.00	54.50	1	24.50	0.10		2.45	
1st Cross Road from Layout Main Road to SS Elite Apartment								
	0.00	0.00	1	0.00	0.10		0.00	
	0.00	26.00	1	26.00	0.10		2.60	
	26.00	26.00	1	0.00	0.10		0.00	
	26.00	45.30	1	19.30	0.10		1.93	
	45.30	45.30	1	0.00	0.10		0.00	
	45.30	72.30	1	27.00	0.10		2.70	
	72.30	72.30	1	0.00	0.10		0.00	
	72.30	83.30	1	11.00	0.10		1.10	

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Asst. Engineer

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Asst Executive Engineer

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Executive Engineer

SL NO	CHAINAGE		NO	L	Avg B	Avg D	QTY	REMARKS
				(m)	(m)	(m)		
	83.30	108.00	1	24.70	0.10		2.47	
	108.00	108.00	1	0.00	0.10		0.00	
	108.00	138.00	1	30.00	0.10		3.00	
	138.00	157.80	1	19.80	0.10		1.98	
2nd Cross Road from Dead end to Layout Main Road								
	0.00	0.00	1	0.00	0.10		0.00	
	0.00	30.00	1	30.00	0.10		3.00	
	30.00	60.00	1	30.00	0.10		3.00	
	60.00	90.00	1	30.00	0.10		3.00	
	90.00	112.90	1	22.90	0.10		2.29	
Park Parallel Road								
	0.00	0.00	1	0.00	0.10		0.00	
	0.00	30.00	1	30.00	0.10		3.00	
	30.00	60.00	1	30.00	0.10		3.00	
	60.00	75.20	1	15.20	0.10		1.52	
	75.20	75.20	1	0.00	0.10		0.00	
	75.20	93.80	1	18.60	0.10		1.86	
	93.80	93.80	1	0.00	0.10		0.00	
	93.80	120.80	1	27.00	0.10		2.70	
	120.80	120.80	1	0.00	0.10		0.00	
	120.80	144.40	1	23.60	0.10		2.36	
Total Quantity							187.84	Sqm
Quantity Limit to							172.30	Sqm
Quantity Carried to Summary							172.30	Sqm

[Signature]
Asst Engineer
Ward No.01
BBMP

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Asst. Executive Engineer
Yelahanka Sub Division
BBMP

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Asst. Engineer

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Executive Engineer